

DEVICES FOR CALIBRATING OPTICAL SCANNERS AND METHODS OF USING THE SAME

ABSTRACT OF THE DISCLOSURE

[00109] Calibration devices for optical scanners and methods for their use are provided. The subject devices are characterized by having a polymeric coating with at least one fluorescent agent, where the devices have minimal local and global nonuniformities. The subject device may also include one or more photobleached regions. In using the subject devices, a surface is illuminated with at least one light source, fluorescence data is obtained from the surface and the optical system is calibrated based upon the obtained fluorescence data. The subject invention finds use in a variety of optical scanners, including biopolymeric array optical scanners. Also provided are kits for use in verifying and calibrating optical scanners.